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Lance J. Gay

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ANTONELLI, TERRY, STOUT & KRAUS, LLP  
1300 NORTH SEVENTEENTH STREET  
SUITE 1800  
ARLINGTON, VA 22209-3873

EXAMINER

HOSSAIN, FARZANA E

ART UNIT

PAPER NUMBER

2623

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Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/005,768	GAY ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Farzana E. Hossain	2623	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 17 April 2006.  
 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.  
 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
 6) ☒ Claim(s) 1-25 is/are rejected.  
 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.  
 10) ☒ The drawing(s) filed on 08 November 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) ☐ All b) ☐ Some \* c) ☐ None of:  
 1. ☐ Certified copies of the priority documents have been received.  
 2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date: _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date: _____  | 6) <input type="checkbox"/> Other: _____                                    |

## **DETAILED ACTION**

### ***Response to Amendment***

1. This office action is in response to communications filed 4-17-06. Claims 1-5, 8-10, 13-15, 18, 19, 22-23 are amended. Claims 6, 7, 11, 12, 16, 17, 20, 21, 24, 25 are original.

### ***Response to Arguments***

2. Applicant's arguments filed 4-17-06 have been fully considered but they are not persuasive.

Applicant argues the following for independent claims 1, 13, 18, 22 on pages 10, 12, 14, 15: Kinney does not disclose transmitting a command signal regarding a control operation from a second location to a first location/system in response to an issued command, receiving at the first location/system the command signal and broadcasting the command signal from the first location/system to the second location/system, performing the control operation at the locations/system in receipt of the command signal.

Kinney discloses a master (first system/location) and participant in a collaborative environment (Figure 1). Kinney discloses the master communicating with the participant or participants about a video (including selected frames) (Figure 2A, 2B, 2C). The participant transmitting an event to the master about a control operation including stop, play, and seek events (Figure 2A, 2B, 2C- see rejections below). It is necessarily included that a command signal is sent with the event to the first location as the event

synchronizes the master's system to play, fast forward, stop or go to a particular frame number (Figures 2A, 2B, 2C).

Kinney does not disclose broadcasting the signal from the first location/system to the second location or system and performing the control operation in receipt of the broadcasting. Applicant's arguments with respect to the limitation found in claims 1, 13, 18, and 22 above has been considered but is moot in view of the new ground(s) of rejection.

3. Applicant argues the following for claim 2, 8, 14 on pages 10, 11, 13: Kinney does not disclose transmitting a command signal from a second location/system to a first location/system in response to an issued command, receiving at the first location/system the command signal and broadcasting the command signal from the first location/system to the location/second system and a third location/system.

Kinney discloses a master (first system/location) and participant in a collaborative environment (Figure 1). Kinney discloses the master communicating with the participant or participants about a video (including selected frames) (Figure 2A, 2B, 2C). The participant transmitting an event to the master about a control operation including stop, play, and seek events (Figure 2A, 2B, 2C- see rejections below). It is necessarily included that a command signal is sent with the event to the first location as the event synchronizes the master's system to play, fast forward, stop or go to a particular frame number (Figures 2A, 2B, 2C).

Kinney does not disclose broadcasting the signal from the first system to the second system and third system and performing the control operation in receipt of the

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broadcasting. Applicant's arguments with respect to the limitation above found in claims 2, 8, 14 has been considered but is moot in view of the new ground(s) of rejection.

4. Applicant's arguments filed 4, 6, 7, 9, 11, 12, 16, 17, 20, 21, 24, 25 have been fully considered but they are not persuasive. See arguments for Claims 1, 8, 13, 18, and 22.

5. Applicant's arguments with respect to claim 3, 5, 10, 15, 19, 23 have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Objections***

6. Claim 14 is objected to because of the following informalities: The claim recites, "associated with a third system." The Office assumes "associated with a third system" should be --associated with said third system--. Appropriate correction is required.

7. Claims 5, 10, 15, 19, 23 are objected to because of the following informalities: The claim recites, "one bit of the one byte command identification comprises one of stop, play, forward, reverse, and pause of said video file and a pointer command." The Office assumes "one bit of the one byte command identification comprises one of stop, play, forward, reverse, and pause of said video file and a pointer command" to be --one bit of the one byte command identification comprises a pointer command and one of stop, play, forward, reverse, and pause of said video file" --. Appropriate correction is required.

***Claim Rejections - 35 USC § 103***

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

9. Claims 1, 2, 4, 7-9, 12-14, 17, 18, 21, 22, 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kinney et al (US 5,808,662 and hereafter referred to as "Kinney") in view of Beard et al (US 5,867,156 and hereafter referred to as "Beard").

Regarding Claim 1, Kinney discloses a method comprising: selecting at least one frame of a video file at a first location or master location (Column 7, lines 7-14) by choosing to a function such as a seek, stop or play events (Column 5, lines 52-67, Column 6, lines 1-9, Figure 2A, Column 7, lines 15-35, Column 8, lines 8-10); communicating the selecting of the at least one frame of a video file to a second location or participant location by sending a seek event (with any other type event for synchronization) to select the particular frame (Column 7, lines 15-43, Column 8, lines 15-18); viewing the at least one frame of a video file or movie at the first location (Figure 1, 105, Figure 2A, A, Column 7, lines 31-43, Column 8, lines 8-22) and the second location (Figure 1, 107, 109, Figure 2A, A, Column 7, lines 31-43, Column 8, lines 8-22); issuing a command signal from the second location regarding a control operation of the video file or performing a stop, play, reverse play, a frame forward, or seek event

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(Figure 2A, 226, Column 5, lines 52-67, Column 6, lines 1-9), transmitting a command signal from the second location to the first location in response to the issued command (Column 7, lines 11-15, Figure 2A, 226, Figure 2B, 246, 254, Column 5, lines 52-67, Column 6, lines 1-9,) receiving, at the first location, the command signal or seek/stop/play event (Column 7, lines 55-64, Figure 2A, A, 226, Figure 2B, 246, 254). It is necessarily included that a command signal is sent with the event to the first location as the event synchronizes the master or first location to play, fast forward, stop or go to a particular frame number (Figures 2A, 2B, 2C). Kinney is silent on broadcasting the command signal from the first location to the second location and then performing at the first and second location, the control operation in response to receipt of the command signal. Beard discloses an applications program sharing configuration between a host or first location (Figure 3, 30) and guests or participants or second location (Figure 3, 32) to allow the host computer to be accessible by the guests for functions such as editing annotating, creating of applications programs (Column 3, lines 42-67, Column 4, lines 1-6). Beard discloses that the guest can want to send a control command or SYNC message to the host for regarding a control operation of the program (Column 6, lines 10-42), which the host or first location broadcasts the command signal from the first location to the second location (Column 6, lines 23-56). Beard discloses that the host and the guests or second location performs the control operation or syncing to a particular point in the view window in response to receipt of the command signal (Column 6, lines 23-56). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Kinney to include host or first

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location broadcasts the command signal from the first location to the second location (Column 6, lines 10-56) and the host and the guests or second location performs the control operation or in response to receipt of the command signal (Column 6, lines 23-42) as taught by Beard in order to allow guests to not be confused when performing editing or pointing and causing miscommunication and work slowdown (Column 1, lines 48-67) as disclosed by Beard.

Regarding Claim 8, Kinney discloses a method comprising: selecting a video file at a first system or master location (Column 6, lines 38-54, Column 7, lines 7-14, Figure 1, 105); communicating the selecting of the video to a second system and a third system (Figure 1, 107, 109, Column 6, lines 47-54); providing a video on a first screen of the first system (Figure 1, 105, 120, 140), a second screen of second system (Figure 1, 107, 120, 140) and a third screen of the third system (Figure 1, 109, 120, 140); issuing a command signal at the second system regarding a control operation of the video file or performing a stop, play, reverse play, a frame forward, or seek event (Figure 2A, 226, Column 5, lines 52-67, Column 6, lines 1-9), transmitting a command signal from the first second system to the first system in response to the issued command (Column 7, lines 11-15, Figure 2A, 226, Figure 2B, 246, 254, Column 5, lines 52-67, Column 6, lines 1-9). It is necessarily included that a command signal is sent with the event to the first location as the event synchronizes the master or first location to play, fast forward, stop or go to a particular frame number (Figures 2A, 2B, 2C). Kinney is silent on broadcasting the command signal from the first system to the second system and the third system and then performing an operation corresponding to the



transmitted command signal at the first system, the second system and the third system in response to receipt of the command signal. Beard discloses an applications program sharing configuration between a host or first system (Figure 3, 30) and guests or participants or second and third systems (Figure 3, 32) to allow the host computer to be accessible by the guests for functions such as editing annotating, creating of applications programs (Column 3, lines 42-67, Column 4, lines 1-6). Beard discloses that the guest can want to send a control command or SYNC message to the host for regarding a control operation of the program (Column 6, lines 10-42), which the host or first location broadcasts the command signal from the first location to the second and third systems or guests (Column 6, lines 23-56). Beard discloses that the host and the guests or second and third performs the control operation or syncing to a particular point in the view window in response to receipt of the command signal (Column 6, lines 23-56). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Kinney to include host or first location broadcasts the command signal from the first location to the second and third systems or guests (Column 6, lines 23-56), that the host and the guests or second and third performs the control operation or syncing to a particular point in the view window in response to receipt of the command signal (Column 6, lines 23-56) as taught by Beard in order to allow guests to not be confused when performing editing or pointing and causing miscommunication and work slowdown (Column 1, lines 48-67) as disclosed by Beard.

Regarding Claim 13 Kinney discloses a method comprising: selecting a video file at a first system or master location (Column 6, lines 38-54, Column 7, lines 7-14, Figure 1, 105); communicating the selecting of the video to a second system (Figure 1, 107, 109, Column 6, lines 38-54); displaying the video on a first video screen of the first system (Figure 1, 105, 120, 140), displaying the video on a second video screen of second system (Figure 1, 107, 120, 140); substantially simultaneously performing at least one operation on the first video screen and the second video screen by transmitting at least one command signal across a communications network (Figure 1, Column 4, lines 41-49, Column 7, lines 1-5, Column 2, lines 15-30, Abstract) from the second system to the first system (Column 7, lines 11-15, Figure 2A, 226, Figure 2B, 246, 254, Column 5, lines 52-67, Column 6, lines 1-9). It is necessarily included that a command signal is sent with the event to the first location as the event synchronizes the master or first location to play, fast forward, stop or go to a particular frame number (Figures 2A, 2B, 2C). Kinney is silent on broadcasting the command signal from the first system to the second system and the third system and then performing an operation corresponding to the transmitted command signal at the first system, the second system in response to receipt of the command signal. Beard discloses an applications program sharing configuration between a host or first system (Figure 3, 30) and guests or participants or second (Figure 3, 32) to allow the host computer to be accessible by the guests for functions such as editing annotating, creating of applications programs (Column 3, lines 42-67, Column 4, lines 1-6). Beard discloses that the guest can want to send a control command or SYNC message to the host for

regarding a control operation of the program (Column 6, lines 10-42), which the host or first location broadcasts the command signal to the second or guests from the first location (Column 6, lines 23-56) across communications network (Figure 2, 21).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Kinney to include the host or first location broadcasts the command signal to the second or guests from the first location (Column 6, lines 23-56) across communications network (Figure 2, 21) as taught by Beard in order to allow guests to not be confused when performing editing or pointing and causing miscommunication and work slowdown (Column 1, lines 48-67) as disclosed by Beard.

Regarding Claim 18, Kinney discloses a program storage device or hardware (Column 6, lines 47-54) readable by machine (Figure 1, 105), the machine containing software (Column 6, lines 47-54) to perform a method comprising: launching software (Column 6, lines 38-54) which allows software to simulate a set of video controls (Figure 3, Figure 4) to perform functions such as seek, stop or play events, which reads on a synchronous player program or application (Column 5, lines 52-67, Column 6, lines 1-9, Figure 2A, Column 7, lines 15-35, Column 8, lines 8-10); selecting a video file at a first system or master location (Column 6, lines 38-54, Column 7, lines 7-14, Figure 1, 105); communicating the selecting of the video to a second system (Figure 1, 107, 109, Column 6, lines 38-54) causing the second computer system to launch software which simulates video controls (Column 6, lines 38-54, Figure 3, Figure 4); displaying the video on a second video screen of second system (Figure 1, 107, 120, 140, Column 6,

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lines 38-54); broadcasting a first command signal from the first computer system to the second computer system regarding a first control operation of a video file or movie (Figure 1, Column 4, lines 41-49, Column 7, lines 1-5, Column 2, lines 15-30, Abstract, Figures 2A, 2B, 2C); wherein the command signal causes the second computer system to perform the first control operation (Figure 2A, 218, Figure 2B, 222, Figure 2B, 230, Figure 2C, 252); performing the first control operation on the first computer system (Column 7, lines 1-15, Figure 2A, 218, Figure 2B, 222, Figure 2B, 230, Figure 2C, 252, Column 5, lines 52-67, Column 6, lines 1-9); receiving a second command signal from the second computer system regarding a second control operation of the video file (Column 7, lines 1-14). Kinney discloses performing the second control operation on the first computer system (Column 7, lines 1-15, Figure 2A, 226, Figure 2B, 246, 254, Column 5, lines 52-67, Column 6, lines 1-9). It is necessarily included that a command signal is sent with the event to the first location as the event synchronizes the master or first location to play, fast forward, stop or go to a particular frame number (Figures 2A, 2B, 2C). Kinney also discloses hardware and software can perform the functions of the invention which reads on tangibly embodying a program of instructions executable by the machine to perform a method. Kinney discloses that hardware and software exists and it is necessarily included that Kinney includes a program storage device embodying a program of instruction executable by the machine (Column 6, lines 47-54) in order to have a convenient flexible system of movie playback of collaborative system for participants in remote locations (Column 1, lines 9-13, lines 57-67) as disclosed by Kinney. Kinney is silent on broadcasting the second command signal from the first

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system to the second system and then performing at the first and second system, the control operation in response to receipt of the command signal. Beard discloses an applications program sharing configuration between a host or first system (Figure 3, 30) and guests or participants or second system (Figure 3, 32) to allow the host computer to be accessible by the guests for functions such as editing annotating, creating of applications programs (Column 3, lines 42-67, Column 4, lines 1-6). Beard discloses a computer system with operating system, which performs a program of instructions resident in memory executable by the machine or computer to perform a method of program sharing for performing functions in a collaborative environment (Column 3, lines 32-60). Beard discloses that the guest can want to send a control command or SYNC message to the host for regarding a control operation of the program (Column 6, lines 10-42), which the host or first system broadcasts the command signal from the first system to the second system (Column 6, lines 23-56). Beard discloses that the host and the guests or second system performs the control operation or syncing to a particular point in the view window in response to receipt of the command signal (Column 6, lines 23-56). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Kinney to include host or first system broadcasts the command signal from the first system to the second system (Column 6, lines 10-56) and the host and the guests performs the control operation or in response to receipt of the command signal (Column 6, lines 23-42) as taught by Beard in order to allow guests to not be confused when performing editing or pointing and

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causing miscommunication and work slowdown (Column 1, lines 48-67) as disclosed by Beard.

Regarding Claim 22, Kinney discloses a computer system (Figure 1, 105) comprising at least one processing unit (Column 3, lines 60-61), at least a video display and hardware embodying software embodying a program of instructions executable by the processing unit to perform a method comprising (Column 6, lines 47-54): broadcasting a first command signal from the computer system or first computer system to another computer system or second computer system regarding a first control operation of a video file or movie (Figure 1, Column 4, lines 41-49, Column 7, lines 1-5, Column 2, lines 15-30, Abstract, Figures 2A, 2B, 2C); performing the first control operation on the first computer system (Column 7, lines 1-14, Figure 2A, 218, Figure 2B, 222, Figure 2B, 230, Figure 2C, 252); receiving a second command signal from the second computer system regarding a second control operation of the video file (Column 7, lines 1-15, Figure 2A, 226, Figure 2B, 246, 254, Column 5, lines 52-67, Column 6, lines 1-9); and performing the second control operation on the first computer system (Column 7, lines 1-15, Figure 2A, 226, Figure 2B, 246, 254, Column 5, lines 52-67, Column 6, lines 1-9). It is necessarily included that a command signal is sent with the event to the first location as the event synchronizes the master or first location to play, fast forward, stop or go to a particular frame number (Figures 2A, 2B, 2C). Kinney disclose a processing unit and transport control logic (Column 3, lines 60-64); the transport control logic or an application that allows participant to control, view and edit a

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movie (Column 4, lines 41-49). Kinney also discloses hardware and software can perform the functions of the invention which reads on tangibly embodying a program of instructions executable by the machine to perform a method. Kinney discloses that hardware and software exists and it is necessarily included that Kinney includes a program storage device embodying a program of instruction executable by the machine (Column 6, lines 47-54) in order to have a convenient flexible system of movie playback of collaborative system for participants in remote locations (Column 1, lines 9-13, lines 57-67) as disclosed by Kinney. Kinney is silent on broadcasting the second command signal from the computer or first computer system to the second or another computer system and then performing at the first and second system, the control operation in response to receipt of the command signal. Beard discloses an applications program sharing configuration between a host or first system (Figure 3, 30) and guests or participants or second system (Figure 3, 32) to allow the host computer to be accessible by the guests for functions such as editing annotating, creating of applications programs (Column 3, lines 42-67, Column 4, lines 1-6). Beard discloses a computer system with operating system, which performs a program of instructions resident in memory executable by the machine or computer to perform a method of program sharing for performing functions in a collaborative environment (Column 3, lines 32-60). Beard discloses that the guest can want to send a control command or SYNC message to the host for regarding a control operation of the program (Column 6, lines 10-42), which the host or first system broadcasts the command signal from the first system to the second system (Column 6, lines 23-56). Beard discloses that the host and the guests or

second system performs the control operation or syncing to a particular point in the view window in response to receipt of the command signal (Column 6, lines 23-56).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Kinney to include host or first system broadcasts the command signal from the first system to the second system (Column 6, lines 10-56) and the host and the guests performs the control operation or in response to receipt of the command signal (Column 6, lines 23-42) as taught by Beard in order to allow guests to not be confused when performing editing or pointing and causing miscommunication and work slowdown (Column 1, lines 48-67) as disclosed by Beard.

Regarding Claim 2, Kinney and Beard disclose all the limitations of Claim 1. Kinney disclose the selecting of the at least one frame of a video file to a third location (Column 6, lines 38-54, Figure 1, 109); viewing the at least one frame of the video file at the third location or participant with the first and the second locations (Figure 1, 109, Column 6, lines 38-54, Column 7, lines 1-15). Beard discloses that the broadcasting the command signal comprising broadcasting the command signal to the third location or all guests (Column 6, lines 10-56); and performing at the first location, the second location and the third location in response to the receipt of the command signal (Column 6, lines 10-56).

Regarding Claims 4 and 9, Kinney and Beard disclose all the limitations of Claims 1 and 8 respectively. Kinney discloses that control operations are performed at the first location substantially simultaneously as the control operation is performed at



the second location (Column 4, lines 41-49, Column 7, lines 1-43, Column 2, lines 15-30, Abstract). Regarding Claim 9, the control operation is performed substantially simultaneously at first, second and third locations (Column 4, lines 41-49, Column 7, lines 1-43, Column 2, lines 15-30, Abstract, Figure 1). Beard discloses that the guests and the hosts are synchronized to the same point in receipt of the command (Column 6, lines 10-56).

Regarding Claims 7, 12, 17, 21, 25, Kinney and Beard disclose all the limitations of Claims 1, 8, 13, 18, and 22 respectively. Kinney discloses that the command signal comprises a frame number of the video file or a command signal comprises to advance to a particular frame in the movie (Column 5, lines 4-9, Column 4, lines 62-63).

Regarding Claim 14, Kinney and Beard disclose all the limitations of Claim 13. Kinney discloses the communicating the video file to a third system (Column 6, lines 38-54, Figure 1, 109); displaying the video file on a third video screen with the third system or participant with the first and the second systems (Figure 1, 109, Column 6, lines 38-54, Column 7, lines 1-15). Kinney discloses that at least one operation is performed on the first video screen substantially simultaneously as the at least one operation is performed on the second video screen (Column 4, lines 41-49, Column 7, lines 1-43, Column 2, lines 15-30, Abstract). Kinney discloses that control operations are performed at the first system substantially simultaneously as the control operation is performed at the second system (Column 4, lines 41-49, Column 7, lines 1-43, Column 2, lines 15-30, Abstract). Beard discloses that the broadcasting the command signal comprising broadcasting the command signal to the second system comprises

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substantially simultaneously broadcasting the command signal to the second and third systems or all guests (Column 6, lines 10-56); and performing at the first system, the second system and the third system in response to the receipt of the command signal on the third video screen substantially simultaneously as the operation performed on the first video screen and the second video screen (Column 6, lines 10-56). Beard discloses that the guests and the hosts are synchronized to the same point in receipt of the command (Column 6, lines 10-56).

10. Claims 6, 11, 16, 20, 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kinney in view of Beard as applied to claims 1, 8, 13, 18, 22 above, and further in view of Pacifici et al (US 6,230,171 and hereafter referred to as "Pacifici").

Regarding Claims 6, 11, 16, 20, and 24, Kinney and Beard disclose all the limitations of Claims 1, 8, 13, 18, and 22 respectively. Kinney and Beard are silent of the command signal comprising a pointer coordinate position of a video screen. Pacifici discloses that the command signal comprises a pointer coordinate position of a video screen (Column 5, lines 58-61, Column 9, lines 45-54). Therefore it would have been obvious at the time the invention was made to one of ordinary skill in the art to modify Kinney in view of Beard in order to include that the command signal comprises a pointer coordinate position of a video screen representing specific coordinates of the video screen (Column 5, lines 58-61, Column 9, lines 45-54) as taught by Pacifici in order to allow peers to bring attention to markup section in a peer to peer multi party

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collaboration system in a web based system which allows users to more easily communicate (Column 1, lines 11-28, 49-52) as disclosed by Pacifici.

11. Claims 3, 5, 10, 15, 19, 23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kinney in view of Beard as applied to claim 1 above, and further in view of Salesky et al (US 6,43,313 and hereafter referred to as "Salesky").

Regarding Claim 3, Kinney and Beard disclose all the limitations of Claim 1. Kinney discloses command or event that includes an identification or tag (Column 5, lines 36-43). Kinney and Beard silent on the command signal comprising a one byte command identification. Salesky discloses a conferencing system (Figure 1, 10), which the presenter or first location and clients (second location) collaborate on a presentation (Column 7, lines 35-56, Column 8, lines 10-29). Salesky discloses sending commands in regard to a control operation and that the command comprises a 12-byte command identification (Column 11, lines 19-55). Salesky discloses that data can be compressed as well (Column 11, lines 46-55). It is possible that a command can consist of any number of bytes including one byte. The Office further would like to point out that the concept of bytes are not inventive as bytes are well know in the art. Therefore it would have been obvious at the time the invention was made to one of ordinary skill in the art to modify Kinney in view of Beard in order to include that the command signal comprises a command identification consisting of 12 bytes (Column 11, lines 19-55) as taught by Salesky in order to allow a compressed command

(Column 11, lines 38-45) as disclosed by Salesky and for the synchronization of images on the screens for the conference.

Regarding Claim 5, Kinney, Beard, Salesky disclose all the limitations of Claim 3. Kinney discloses that the command signal comprises one of stop, play, forward, reverse and pause of the video file or movie (Column 4, lines 41-45, lines 50-55). Beard discloses a pointer command (Figure 4C). Salesky discloses that the command identifies details about the command such as a blue line (Column 11, lines 38-55), which is comparable to a command given in a video editing collaborative system and the command consisting of more details such as stop, play, seek or point. Salesky discloses that data can be compressed as well (Column 11, lines 46-55). Salesky discloses that the command comprises of 12 bytes and that bits of data identify other details. Salesky discloses that a part of the 12-byte command includes details such as the color blue for drawing a line (Column 11, lines 38-55). It is possible that a command can consist of any number of bytes including one byte. The Office further would like to point out that the concept of bytes and bits are not inventive as bytes and bits are well known in the art.

Regarding Claim 10, 15, 19, 23, Kinney and Beard disclose all the limitations of Claims 8, 13, 18, and 22 respectively. Kinney discloses command or event that includes an identification or tag (Column 5, lines 36-43). Kinney discloses that the command signal comprises one of stop, play, forward, reverse and pause of the video file or movie (Column 4, lines 41-45, lines 50-55). Beard discloses a pointer command (Figure 4C). Kinney and Beard silent on the command signal comprising a one byte

command identification and that one bit of the one byte command compresses one of stop, play forward, reverse, and pause of the video file and a pointer command.

Salesky discloses a conferencing system (Figure 1, 10), which the presenter or first location and clients (second location) collaborate on a presentation (Column 7, lines 35-56, Column 8, lines 10-29). Salesky discloses sending commands in regard to a control operation and that the command comprises a 12-byte command identification (Column 11, lines 19-55) and the command consist of bits (Column 11, lines 19-55). Salesky discloses that the command identifies details about the command such as a blue line (Column 11, lines 38-55), which is comparable to a command given in a video editing collaborative system and the command consisting of more details such as stop, play, seek or point. Salesky discloses that data can be compressed as well (Column 11, lines 46-55). Salesky discloses that the command comprises of 12 bytes and that bits of data identify other details. Salesky discloses that a part of the 12-byte command includes details such as the color blue for drawing a line (Column 11, lines 38-55). It is possible that a command can consist of any number of bytes including one byte. The Office further would like to point out that the concept of bytes and bits are not inventive as bytes and bits are well know in the art.

Therefore it would have been obvious at the time the invention was made to one of ordinary skill in the art to modify Kinney in view of Beard in order to include that the command signal comprises a command identification consisting of 12 bytes and bits that describe details of the command identification (Column 11, lines 19-55) as taught by Salesky in order to allow a compressed command (Column 11, lines 38-45) as

disclosed by Salesky and for the synchronization of images on the screens for the conference.

### ***Conclusion***

12. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Farzana E. Hossain whose telephone number is 571-272-5943. The examiner can normally be reached on Monday to Friday 8:00 am to 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher Grant can be reached on 571-272-7294. The fax phone

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number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

FEH  
May 11, 2006



VIVEK SRIVASTAVA  
PRIMARY EXAMINER